

(a) The distance to the 115 dBu contour is determined using the following equation:

$$\begin{aligned} D \text{ (in kilometers)} &= 0.394 \sqrt{P} \\ D \text{ (in miles)} &= 0.245 \sqrt{P} \end{aligned}$$

Where P is the maximum effective radiated power (ERP), measured in kilowatts, of the maximum radiated lobe.

(b) After January 1, 1985, permittees or licensees who either (1) commence program tests, or (2) replace their antennas, or (3) request facilities modifications and are issued a new construction permit must satisfy all complaints of blanketing interference which are received by the station during a one year period. The period begins with the commencement of program tests, or commencement of programming utilizing the new antenna. Resolution of complaints shall be at no cost to the complainant. These requirements specifically do not include interference complaints resulting from malfunctioning or mistuned receivers, improperly installed antenna systems, or the use of high gain antennas or antenna booster amplifiers. Mobile receivers and non-RF devices such as tape recorders or hi-fi amplifiers (phonographs) are also excluded.

(c) A permittee collocating with one or more existing stations and beginning program tests on or after January 1, 1985, must assume full financial responsibility for remedying new complaints of blanketing interference for a period of one year. Two or more permittees that concurrently collocate on or after January 1, 1985, shall assume shared responsibility for remedying blanketing complaints within the blanketing area unless an offending station can be readily determined and then that station shall assume full financial responsibility.

(d) Following the one year period of full financial obligation to satisfy blanketing complaints, licensees shall provide technical information or assistance to complainants on remedies for blanketing interference.

Historical Note

Section ("Facsimile: engineering standards") deleted and designated reserved by order in Docket No. 20012, effective April 11, 1975, 40 FR 11581. For Report see 32 RR 2d 1551.

Section added by order in Docket No. 82-186, effective January 1, 1985, 49 FR 45142. For Report see 57 RR 2d 126.

Subsection (b) corrected by oversight order (DA 87-685) released June 17, 1987 and effective July 9, 1987, 52 FR 25865.

RESOLUTION 89-41 OF THE
SONOMA COUNTY AIRPORT LAND USE COMMISSION (ALUC),
DETERMINING THAT A PROPOSAL OF THE COUNTY OF SONOMA FOR
A 407 FOOT HIGH RADIO TRANSMITTER TOWER ON 39 ACRES
LOCATED AT 2300 BIG RIDGE ROAD, HEALDSBURG, ABOUT FOUR
MILES WEST OF HEALDSBURG MUNICIPAL AIRPORT, IS
CONSISTENT WITH THE SONOMA COUNTY AIRPORT POLICY PLAN
PROVIDED THAT THE TOWER AND SUPPORT WIRES ARE MARKED
AND LIGHTED IN COMPLIANCE WITH FAA REQUIREMENTS (UP
89-785, Fuller Jeffrey Broadcasting)

WHEREAS, the County of Sonoma referred a proposal to the ALUC for a 407 foot high radio transmitter tower (top elevation approximately 1600 feet above sea level) on 39 acres located at 2300 Big Ridge Road, Healdsburg, approximately four miles west of Healdsburg Municipal Airport (UP 89-785), and

WHEREAS, the ALUC has considered this matter at its regular meeting on this date, and made the following findings:

1. That the tower will not intrude in the airspace of flight operations at Healdsburg Municipal Airport and is away from normal flight paths of en route aircraft.
2. That the applicant will notify the FAA and mark and light the tower as required.
3. That the applicant should consider marking tower support wires if necessary to warn pilots who may come near the tower.

NOW THEREFORE BE IT RESOLVED that the Sonoma County Airport Land Use Commission determines that the proposed project conforms to the Sonoma County Airport Land Use Policy Plan, provided that the tower and support wires are marked and lighted in compliance with FAA requirements.

THE FOREGOING RESOLUTION was moved by Proxy White , seconded by Commissioner Gonsalves and adopted on the following roll call vote:

Proxy White for Alexander	Aye	Commissioner Scofield	Absent
Commissioner Gonsalves	Aye	Commissioner Smith	Aye
Commissioner Healy	Aye	Commissioner Stephenson	Aye

AYES: 5 NOES: 0 ABSENT: 1 ABSTAIN: 0

WHEREUPON, the Chairman declared the above and foregoing resolution duly adopted, and

SO ORDERED.

DEPARTMENT OF FORESTRY

AND FIRE PROTECTION

Sonoma Air Attack Base
2235 Airport Blvd



November 7, 1989

County of Sonoma
Department of Planning
Attn: Sigrid Swedenborg (UP 89-785)
575 Administration Drive, Room 105A
Santa Rosa, CA 95401

Re: Radio Transmitter Tower
APN 090-090-25; 111-130-14

Sigrid Swedenborg:

The following comments are submitted re: the application for the construction of a 407 foot high radio tower at 2300 Big Ridge Road, west of Healdsburg.

As the agency responsible for wildfire air attack in this area we are concerned about the visibility of flight obstacles in the areas where we may be operating. Our activities require low level flight, often below 400 feet above the ground, for making airtanker fire retardant drops and to deliver fire crews and water by helicopter. Thus, the visibility of relatively low-level flight obstacles is important to the safety and effectiveness of our pilots and crews.

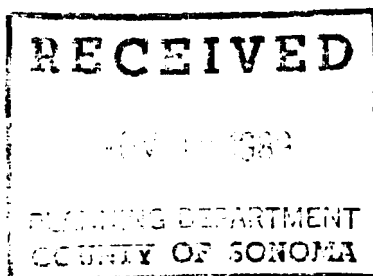
Towers and power lines adversely affect our operations even when we can see them. Antenna towers are especially difficult to locate from the air under normal atmospheric conditions. The smoky conditions normally encountered during wildfire air attack often make unlighted antennas nearly invisible. The flight safety problem is further compounded by the pilots' attention being directed to drop targets and other tactical situations.

In short, we need all the help we can get in locating flight hazards. We request that structures of this type located in areas susceptible to wildfire be lighted and/or marked with high visibility materials so that they can be readily seen by our flight crews. The ideal would include high intensity strobe lighting for daylight operations and lower intensity for night use.

We thank you for your consideration.

Yours Truly,

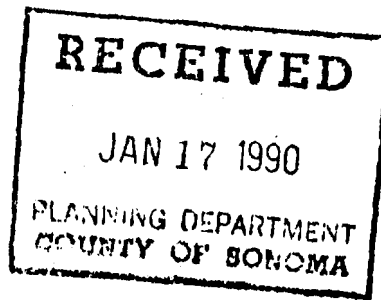
Blaine A. Moore
Air Attack Officer
CDF-Sonoma Air Attack Base



c: SNU
RO1

EXHIBIT "C"

EXHIBIT "E"



1420 Felta Rd,
Healdsburg
Jan. 17, 1990

Dear Sigrid,

I recently heard about the proposed 400' FM radio tower designated for Big Ridge in the Dry Creek Valley. Since you are having to write the report on this project, I wanted to let you know how dismayed Tim and I are at the thought of this. I know many people will be as adamantly opposed to the creation of a radio tower in this beautiful pristine area as we are.

We go out to this area to visit friends and enjoy the solitude and beauty of nature that is no longer so quiet or uncluttered in our own valley. It seems like people keep moving to the country and then soon bring all the "trappings" of the city and soon it is no longer "country."

Personally I feel strongly that the necessity of a radio tower is not great enough to warrant the despoliation of the Big Ridge area.

Thank you for considering our point of view.

Sincerely,

Elizabeth McClure

BZA Resolution No.
January 25, 1990

DRAFT

UP 89-785/Fuller Jeffrey Broadcasting
Planner: Sigrid Swedenborg

RESOLUTION OF THE BOARD OF ZONING ADJUSTMENTS, COUNTY OF
SONOMA, STATE OF CALIFORNIA, ADOPTING A NEGATIVE DECLARATION
AND GRANTING A USE PERMIT TO FULLER JEFFREY BROADCASTING FOR
A 407 FOOT HIGH RADIO TRANSMITTER TOWER.

WHEREAS, the Sonoma County Board of Zoning Adjustments has considered the Use Permit application by Fuller Jeffrey Broadcasting requesting a 407 foot high radio transmitter tower on 39 acres located at 2300 Big Ridge Road, Healdsburg, APN 090-090-25 and 111-130-14, zoned A1 (Primary Agriculture), BS, Table 40, Supervisorial District No. 4, and

WHEREAS, in accordance with the provisions of law, the Sonoma County Board of Zoning Adjustments did conduct a public hearing on January 25, 1990, on said application at which time all interested persons were given an opportunity to be heard thereon, and

WHEREAS, said Board does make the following specific findings relative to this particular application:

1. Based upon the information contained in the Initial Study included in the project file, it has been determined that there will be no significant environmental effect resulting from this project, provided that mitigation measures are incorporated into the project. The Negative Declaration has been completed in compliance with CEQA, State and County guidelines and the information contained therein has been reviewed and considered.
2. The establishment, maintenance or operation of the use for which application is made will not, under the circumstances of this particular case, be detrimental to the health, safety, peace, comfort and general welfare of persons residing or working in the neighborhood of such use, nor be detrimental or injurious to property and improvements in the neighborhood or the general welfare of the area. The particular circumstances in this case are:
 - a. The width of the tower is so narrow (24 inches) that visual impacts are minimal;
 - b. Lighting of the tower will insure aircraft safety;

NOW, THEREFORE BE IT RESOLVED that the Sonoma County Board of Zoning Adjustments in regular session assembled this 25th day of January, 1990, hereby adopts the Negative Declaration as being completed in compliance with CEQA State and County Guidelines and certifies that it has reviewed and considered the information contained therein, and hereby grants the Use Permit requested subject to the attached conditions in Exhibit "A".

Page 2

BZA Resolution No.

UP 89-785/Fuller Jeffrey Broadcasting

Planner: Sigrid Swedenborg

THE FOREGOING RESOLUTION was introduced by Commissioner _____, who moved its adoption, seconded by Commissioner _____, and adopted on roll call by the following vote:

Commissioner
Commissioner
Commissioner
Commissioner
Commissioner

AYES:

NOES:

ABSENT:

ABSTAIN:

WHEREUPON, the Chairman declared the above and foregoing resolution duly adopted; and

SO ORDERED.

EXHIBIT "C"

BZA Resolution No.
January 25, 1989

DRAFT

UP 89-785/Fuller Jeffery Broadcasting
Planner: Sigrid Swedenborg

RESOLUTION OF THE BOARD OF ZONING ADJUSTMENTS, COUNTY OF
SONOMA, STATE OF CALIFORNIA, EXEMPTING THE PROJECT FROM CEQA
FOR THE PURPOSE OF DENIAL AND DENYING THE USE PERMIT REQUEST
BY FULLER JEFFREY BROADCASTING FOR A 407 FOOT HIGH RADIO
TRANSMITTER TOWER

WHEREAS, the Sonoma County Board of Zoning Adjustments has considered the Use Permit application by Fuller Jeffrey Broadcasting requesting a 407 foot high radio transmitter tower on 39 acres located at 2300 Big Ridge Road, Healdsburg, APN 090-090-25 and 111-130-14, zoned A1 (Primary Agriculture), BS, Table 40, Supervisorial District No. 4, and

WHEREAS, in accordance with the provisions of law, the Sonoma County Board of Zoning Adjustments did conduct a public hearing on January 25, 1990, on said application at which time all interested persons were given an opportunity to be heard thereon, and

WHEREAS, said Board does make the following specific findings relative to this particular application:

1. There is no mitigation for the visual impact that the project will have;
2. There are other sites available in the County, including the applicant's existing location, that could have less impact.
3. Until the County adopts siting and design guidelines for transmission towers in accordance with Policy PF-2U, it is premature to approve towers which exceed existing tower heights and continue the trend toward tower dispersal.

NOW, THEREFORE BE IT RESOLVED that the Sonoma County Board of Zoning Adjustments in regular session assembled this 25th day of January, 1990, hereby exempts the project from CEQA for the purpose of denial and denies the Use Permit request by Fuller Jeffrey Broadcasting for a 407 foot high radio transmitter tower on 39 acres.

AND BE IT FURTHER RESOLVED that the Sonoma County Board of Zoning Adjustments action shall be final on the 13th day after the date of the resolution unless an appeal is taken. .

Page 2

BZA Resolution No.

UP 89-785/Fuller Jeffrey Broadcasting

Planner: Sigrid Swedenborg

THE FOREGOING RESOLUTION was introduced by Commissioner _____, who moved its adoption, seconded by Commissioner _____, and adopted on roll call by the following vote:

Commissioner
Commissioner
Commissioner
Commissioner
Commissioner

AYES:

NOES:

ABSENT:

ABSTAIN:

WHEREUPON, the Chairman declared the above and foregoing resolution duly adopted; and

SO ORDERED.

EXHIBIT "C"